

**PRODUCT INFORMATION**

<b>Target</b>	BST2
<b>Synonyms</b>	CD317;HM1.24;TETHERIN
<b>Description</b>	Recombinant Human BST2 with N-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q10589
<b>Expression Host</b>	HEK293
<b>Tag</b>	N-Human Fc Tag
<b>Molecular Characterization</b>	hFc(Glu99-Ala330) BST2(Asn49-Ser161)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 38.8 kDa after removal of the signal peptide. The apparent molecular mass of hFc-BST2 is approximately 40-55 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	Bone marrow stromal cells are involved in the growth and development of B-cells. The specific function of the protein encoded by the bone marrow stromal cell antigen 2 is undetermined; however, this protein may play a role in pre-B-cell growth and in rheumatoid arthritis. [provided by RefSeq, Jul 2008]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



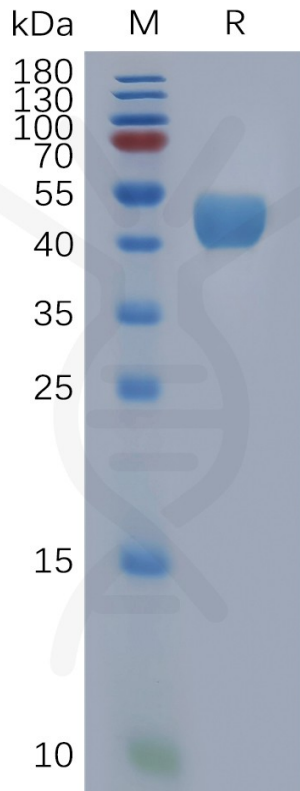


Figure 1. Human BST2 Protein, hFc Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

